








Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

 041404 10/11/00 USPTO	<b>UTILITY</b>	Attorney Docket No.	<b>THOLAM P175USD1</b>																		
	<b>PATENT APPLICATION</b>	First Named Inventor or Appln Identified: <b>Greg Arnold BUCHANAN and Kenneth Allan OGG</b>																			
	<b>TRANSMITTAL</b>	Title: <b>METHOD AND APPARATUS FOR STEERING SAW BLADES</b>																			
	(Only for new nonprovisional applications under CFR 1.53(b))	Express Mail Label No.	<b>EL969898273US</b>																		
<b>APPLICATION ELEMENTS</b> See MPEP chapter 600 concerning utility patent appln. contents.		<b>ADDRESS TO: MAIL STOP PATENT APPLICATION</b> <b>Commissioner for Patents</b> <b>U.S. Patent &amp; Trademark Office</b> <b>P. O. Box 1450</b> <b>Alexandria, VA 22313-1450</b>																			
<table border="0"><tr><td style="vertical-align: top;"><p>1. <input checked="" type="checkbox"/> Check for US\$385</p><p>1A. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) (Should be specifically itemized)</p><p>1B. <input checked="" type="checkbox"/> Fee Transmittal Form (submit an original, and a duplicate for fee processing)</p><p>2. <input checked="" type="checkbox"/> Applicant claims small entity status (see 37 CFR 1.27.)</p><p>3. <input checked="" type="checkbox"/> Specification (Total Pages) [10] (preferred arrangement set forth below)</p><ul style="list-style-type: none"><li>• Descriptive title of the invention</li><li>• Cross References to Related Applications</li><li>• Statement Regarding Fed sponsored R &amp; D</li><li>• Reference to Microfiche Appendix</li><li>• Background of the Invention</li><li>• Brief Summary of the Invention</li><li>• Brief Description of the Drawings (if filed)</li><li>• Detailed Description</li><li>• Claim(s)</li><li>• Abstract of the Disclosure</li></ul><p>4. <input checked="" type="checkbox"/> Submission of Formal Drawings (Total Pgs.) [1] 4A. <input checked="" type="checkbox"/> Formal Dwgs (35 USC 113) (Total Pgs.) [4]</p><p>5. <input checked="" type="checkbox"/> Oath or Declaration (Total Pgs.) [2] a. <input type="checkbox"/> Newly executed (original or copy) b. <input checked="" type="checkbox"/> Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional with Box 17 completed)</p></td><td style="vertical-align: top;"><p>6. <input type="checkbox"/> Application Data Sheet (see 37 CFR).</p><p>7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)</p><p>8. <input type="checkbox"/> Nucleotide an/or Amino Acid Sequence Submission (if applicable, all necessary)</p><p>a. <input type="checkbox"/> Computer Readable Form (CRF)</p><p>b. <input type="checkbox"/> Specification Sequence Listing on: i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or ii. <input type="checkbox"/> paper</p><p>c. <input type="checkbox"/> Statements verifying identity of above copies</p></td></tr></table>				<p>1. <input checked="" type="checkbox"/> Check for US\$385</p> <p>1A. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) (Should be specifically itemized)</p> <p>1B. <input checked="" type="checkbox"/> Fee Transmittal Form (submit an original, and a duplicate for fee processing)</p> <p>2. <input checked="" type="checkbox"/> Applicant claims small entity status (see 37 CFR 1.27.)</p> <p>3. <input checked="" type="checkbox"/> Specification (Total Pages) [10] (preferred arrangement set forth below)</p> <ul style="list-style-type: none"><li>• Descriptive title of the invention</li><li>• Cross References to Related Applications</li><li>• Statement Regarding Fed sponsored R &amp; D</li><li>• Reference to Microfiche Appendix</li><li>• Background of the Invention</li><li>• Brief Summary of the Invention</li><li>• Brief Description of the Drawings (if filed)</li><li>• Detailed Description</li><li>• Claim(s)</li><li>• Abstract of the Disclosure</li></ul> <p>4. <input checked="" type="checkbox"/> Submission of Formal Drawings (Total Pgs.) [1] 4A. <input checked="" type="checkbox"/> Formal Dwgs (35 USC 113) (Total Pgs.) [4]</p> <p>5. <input checked="" type="checkbox"/> Oath or Declaration (Total Pgs.) [2] a. <input type="checkbox"/> Newly executed (original or copy) b. <input checked="" type="checkbox"/> Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional with Box 17 completed)</p>	<p>6. <input type="checkbox"/> Application Data Sheet (see 37 CFR).</p> <p>7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)</p> <p>8. <input type="checkbox"/> Nucleotide an/or Amino Acid Sequence Submission (if applicable, all necessary)</p> <p>a. <input type="checkbox"/> Computer Readable Form (CRF)</p> <p>b. <input type="checkbox"/> Specification Sequence Listing on: i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or ii. <input type="checkbox"/> paper</p> <p>c. <input type="checkbox"/> Statements verifying identity of above copies</p>																
<p>1. <input checked="" type="checkbox"/> Check for US\$385</p> <p>1A. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) (Should be specifically itemized)</p> <p>1B. <input checked="" type="checkbox"/> Fee Transmittal Form (submit an original, and a duplicate for fee processing)</p> <p>2. <input checked="" type="checkbox"/> Applicant claims small entity status (see 37 CFR 1.27.)</p> <p>3. <input checked="" type="checkbox"/> Specification (Total Pages) [10] (preferred arrangement set forth below)</p> <ul style="list-style-type: none"><li>• Descriptive title of the invention</li><li>• Cross References to Related Applications</li><li>• Statement Regarding Fed sponsored R &amp; D</li><li>• Reference to Microfiche Appendix</li><li>• Background of the Invention</li><li>• Brief Summary of the Invention</li><li>• Brief Description of the Drawings (if filed)</li><li>• Detailed Description</li><li>• Claim(s)</li><li>• Abstract of the Disclosure</li></ul> <p>4. <input checked="" type="checkbox"/> Submission of Formal Drawings (Total Pgs.) [1] 4A. <input checked="" type="checkbox"/> Formal Dwgs (35 USC 113) (Total Pgs.) [4]</p> <p>5. <input checked="" type="checkbox"/> Oath or Declaration (Total Pgs.) [2] a. <input type="checkbox"/> Newly executed (original or copy) b. <input checked="" type="checkbox"/> Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional with Box 17 completed)</p>	<p>6. <input type="checkbox"/> Application Data Sheet (see 37 CFR).</p> <p>7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)</p> <p>8. <input type="checkbox"/> Nucleotide an/or Amino Acid Sequence Submission (if applicable, all necessary)</p> <p>a. <input type="checkbox"/> Computer Readable Form (CRF)</p> <p>b. <input type="checkbox"/> Specification Sequence Listing on: i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or ii. <input type="checkbox"/> paper</p> <p>c. <input type="checkbox"/> Statements verifying identity of above copies</p>																				
<table border="1"><thead><tr><th colspan="2">ACCOMPANYING APPLICATION PARTS</th></tr></thead><tbody><tr><td>9. <input type="checkbox"/> Assignment Papers (cover sheet &amp; document(s))</td><td></td></tr><tr><td>10. <input type="checkbox"/> 37 CFR 3.73(b) Statement <input type="checkbox"/> Power of Attorney (when there is an assignee)</td><td></td></tr><tr><td>11. <input type="checkbox"/> English Translation Document (if applicable)</td><td></td></tr><tr><td>12. <input checked="" type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449</td><td><input type="checkbox"/> Copies of IDS Citations</td></tr><tr><td>13. <input checked="" type="checkbox"/> Preliminary Amendment</td><td></td></tr><tr><td>14. <input type="checkbox"/> Submission of Certified Copy</td><td></td></tr><tr><td>15A. <input type="checkbox"/> Certified Copy of Priority Document(s) (if foreign priority is claimed)</td><td></td></tr><tr><td>16. <input type="checkbox"/> Other:</td><td></td></tr></tbody></table>				ACCOMPANYING APPLICATION PARTS		9. <input type="checkbox"/> Assignment Papers (cover sheet & document(s))		10. <input type="checkbox"/> 37 CFR 3.73(b) Statement <input type="checkbox"/> Power of Attorney (when there is an assignee)		11. <input type="checkbox"/> English Translation Document (if applicable)		12. <input checked="" type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449	<input type="checkbox"/> Copies of IDS Citations	13. <input checked="" type="checkbox"/> Preliminary Amendment		14. <input type="checkbox"/> Submission of Certified Copy		15A. <input type="checkbox"/> Certified Copy of Priority Document(s) (if foreign priority is claimed)		16. <input type="checkbox"/> Other:	
ACCOMPANYING APPLICATION PARTS																					
9. <input type="checkbox"/> Assignment Papers (cover sheet & document(s))																					
10. <input type="checkbox"/> 37 CFR 3.73(b) Statement <input type="checkbox"/> Power of Attorney (when there is an assignee)																					
11. <input type="checkbox"/> English Translation Document (if applicable)																					
12. <input checked="" type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449	<input type="checkbox"/> Copies of IDS Citations																				
13. <input checked="" type="checkbox"/> Preliminary Amendment																					
14. <input type="checkbox"/> Submission of Certified Copy																					
15A. <input type="checkbox"/> Certified Copy of Priority Document(s) (if foreign priority is claimed)																					
16. <input type="checkbox"/> Other:																					
<p>17. If a <b>CONTINUING APPLICATION</b>, check appropriate box and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:</p> <p><input type="checkbox"/> Continuation <input checked="" type="checkbox"/> Divisional <input type="checkbox"/> Continuation-in-Part (CIP) of prior application No.: <u>10/052,170</u></p> <p>Prior application information: Examiner Ghassem Alie Group/Art Unit: 3724</p> <p>For <b>CONTINUATION OR DIVISIONAL APPS</b> only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.</p>																					
<p align="center"><b>18. CORRESPONDENCE ADDRESS</b></p>																					
<p>I hereby state that the above following attached papers or fee(s) are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR § 1.10, on the date indicated below and is addressed to the Commissioner for Patents, United States Patent &amp; Trademark Office, P. O. Box 1450, Alexandria, VA 22313-1450.</p> <table border="0"><tr><td><input checked="" type="checkbox"/> Customer Number: 020210 Name: DAVIS &amp; BUJOLD, P.L.L.C. 500 North Commercial Street - 4th floor Manchester, NH 03101-1151 United States of America</td><td align="center">PATENT &amp; TRADEMARK OFFICE  020210</td><td><input type="checkbox"/> Correspondence address below Telephone: 603/624-9220 Telefax: 603/624-9229 E-Mail: patent@davisandbujold.com</td></tr><tr><td>Name: Michael J. Bujold Signature: </td><td>Registration No.: 32,018 Date: April 14, 2004</td><td></td></tr></table>				<input checked="" type="checkbox"/> Customer Number: 020210 Name: DAVIS & BUJOLD, P.L.L.C. 500 North Commercial Street - 4th floor Manchester, NH 03101-1151 United States of America	PATENT & TRADEMARK OFFICE  020210	<input type="checkbox"/> Correspondence address below Telephone: 603/624-9220 Telefax: 603/624-9229 E-Mail: patent@davisandbujold.com	Name: Michael J. Bujold Signature: 	Registration No.: 32,018 Date: April 14, 2004													
<input checked="" type="checkbox"/> Customer Number: 020210 Name: DAVIS & BUJOLD, P.L.L.C. 500 North Commercial Street - 4th floor Manchester, NH 03101-1151 United States of America	PATENT & TRADEMARK OFFICE  020210	<input type="checkbox"/> Correspondence address below Telephone: 603/624-9220 Telefax: 603/624-9229 E-Mail: patent@davisandbujold.com																			
Name: Michael J. Bujold Signature: 	Registration No.: 32,018 Date: April 14, 2004																				

041404

# FEE TRANSMITTAL

for FY 2004

Patent fees are subject to annual revision

Applicant claims small entity status.  
 See 37 CFR 1.27

Complete if Known

Application No.  
 Filing Date  
 First Named Inventor  
 Examiner Name  
 Group Art Unit

Greg Arnold BUCHANAN and Kenneth  
 Allan OGG  
 Ghassem Alie  
 3724

TOTAL AMOUNT OF PAYMENT: \$385

Attorney Docket No.

THOLAM P175USD1

## METHOD OF PAYMENT (check all that apply)

☒ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None

☒ Deposit Account:

Deposit Account Number: 04-0213

Deposit Account Name: DAVIS & BUJOLD, P.L.L.C.

The Commissioner is authorized to: (check all that apply)

- ☐ Charge fee(s) indicated below ☒ Credit any overpayments  
☐ Charge any additional fee(s) during the pendency of this application  
☐ Charge fee(s) indicated below, except for the filing fee to the above-identified account.

## FEE CALCULATION

### 1. FILING FEE

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid
1001	770	2001	385	Utility filing fee	\$385
1002	340	2002	170	Design filing fee	
1003	530	2003	265	Plant filing fee	
1004	770	2004	385	Reissue filing fee	
1005	160	2005	80	Provision filing fee	
SUBTOTAL (1)					\$385

### 2. CLAIMS

		Extra	Fee From Below	Fee Paid
Total Claims	5 - 20*	= -0-	\$18 (\$9) x	= -0-
Ind. Claims	3 - 3	= -0-	\$86 (\$43) x	= -0-
Mult. Ind. Claims		=	\$290 (\$145) x	=

\* or number previously paid, if greater; For Reissues, see below

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description
1202	18	2202	9	Claims in excess of 20
1201	86	2201	43	Independent claims in excess of 3
1203	290	2203	145	Multiple dependent claim
1204	86	2204	43	**Reissue independent claims over original patent
1205	18	2205	9	**Reissue claims in excess of 20 and over original patent
SUBTOTAL (2)				\$-0-

\* or number previously paid, if greater; For Reissues, see above

## 3. ADDITIONAL FEES

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid
1051	130	2051	65	Surcharge-late filing fee/oath	
1052	50	2052	25	Surcharge-late provisional filing fee or cover sheet	
1053	130	1053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for re-examination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Ext. for reply w/in 1 mon	
1252	420	2252	210	Ext. for reply w/in 2 mon	
1253	950	2253	475	Ext. for reply w/in 3 mon	
1254	1,480	2254	740	Ext. for reply w/in 4 mon	
1255	2,010	2255	1,005	Ext. for reply w/in 5 mon	
1401	330	2401	165	Notice of Appeal	
1402	330	2402	165	Filing a Brief in support of an appeal	
1403	290	2403	145	Request for oral hearing	
1451	1,510	1451	1,510	Petition to Institute a public use proceeding	
1452	110	2452	55	Petition to revive - unavoidable	
1453	1,330	2453	665	Petition to revive - unintentional	
1501	1,330	2501	665	Utility issue fee (for reissue)	
1502	480	2502	240	Design issue fee	
1503	640	2503	320	Plant issue fee	
1460	130	1460	130	Petitions to the Commissioner	
1807	50	1807	50	Petition related to provisional applns.	
1806	180	1806	180	Submission of Info. Disclo. Stmt.	
8021	40	8021	40	Recording ea. patent assignment per property (times No. of properties)	
1809	770	2809	385	Filing a submission after final rejection (37 CFR 1.129(a))	
1810	770	2810	385	For ea. additional invention to be examined (37 CFR 1.129(b))	
1801	770	2801	385	Request for Cont. Exam. (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	

Other fee (specify)

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) \$-0-

## SUBMITTED BY

Typed or Printed Name

Michael J. Bujold

Signature

*Michael J. Bujold*

Telephone No.

(603) 624-9220

Registration No.

32,018

Date: April 14, 2004

Deposit Acct. No.  
 04-0213

## Completed (if applicable)

Customer No.

PATENT & TRADEMARK OFFICE



020210

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of : Greg Arnold BUCHANAN and Kenneth Allan  
OGG  
For : METHOD AND APPARATUS FOR STEERING  
SAW BLADES  
Group Art Unit : 3724  
Examiner : Ghassem Alie  
Docket : THOLAM P175USD1

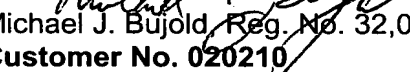
The Commissioner for Patents  
U.S. Patent & Trademark Office  
P. O. Box 1450  
Alexandria, VA 22313-1450

**SUBMISSION OF FORMAL DRAWINGS**

Enclosed please find four (4) sheets of formal drawings which are to be entered in this case.

In the event that there are any fee deficiencies or additional fees are payable, please charge the same or credit any overpayment to our Deposit Account (Account No. 04-0213).

Respectfully submitted,

  
Michael J. Bujold, Reg. No. 32,018  
**Customer No. 020210**  
Davis & Bujold, P.L.L.C.  
Fourth Floor  
500 North Commercial Street  
Manchester NH 03101-1151  
Telephone 603-624-9220  
Facsimile 603-624-9229  
E-mail: [patent@davisandbujold.com](mailto:patent@davisandbujold.com)